

# Antonio D Moreno

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,265  
citations

361045

20  
h-index

476904

29  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1554  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into cell robustness against lignocellulosic inhibitors and insoluble solids in bioethanol production processes. <i>Scientific Reports</i> , 2022, 12, 557.	1.6	4
2	Evaluation and Identification of Key Economic Bottlenecks for Cost-Effective Microbial Oil Production from Fruit and Vegetable Residues. <i>Fermentation</i> , 2022, 8, 334.	1.4	3
3	Sequential bioethanol and methane production from municipal solid waste: An integrated biorefinery strategy towards cost-effectiveness. <i>Chemical Engineering Research and Design</i> , 2021, 146, 424-431.	2.7	30
4	Valorization of Greenhouse Horticulture Waste from a Biorefinery Perspective. <i>Foods</i> , 2021, 10, 814.	1.9	10
5	Biogas from Anaerobic Digestion as an Energy Vector: Current Upgrading Development. <i>Energies</i> , 2021, 14, 2742.	1.6	36
6	Advanced Bioethanol Production: From Novel Raw Materials to Integrated Biorefineries. <i>Processes</i> , 2021, 9, 206.	1.3	83
7	Laccases as versatile enzymes: from industrial uses to novel applications. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 481-494.	1.6	71
8	<i>Candida intermedia</i> CBS 141442: A Novel Glucose/Xylose Co-Fermenting Isolate for Lignocellulosic Bioethanol Production. <i>Energies</i> , 2020, 13, 5363.	1.6	4
9	Process Strategies for the Transition of 1G to Advanced Bioethanol Production. <i>Processes</i> , 2020, 8, 1310.	1.3	55
10	Fermentation strategies for the efficient use of olive tree pruning biomass from a flexible biorefinery approach. <i>Fuel</i> , 2020, 277, 118171.	3.4	33
11	Genomic and transcriptomic analysis of <i>Candida intermedia</i> reveals the genetic determinants for its xylose-converting capacity. <i>Biotechnology for Biofuels</i> , 2020, 13, 48.	6.2	15
12	Overview of bio-based industries. , 2020, , 1-40.		6
13	Biorefineries for the valorization of food processing waste. , 2020, , 155-190.		6
14	Integrated innovative biorefinery for the transformation of municipal solid waste into biobased products. , 2020, , 41-80.		11
15	Pretreatment Technologies for Lignocellulosic Biomass Deconstruction Within a Biorefinery Perspective. , 2019, , 379-399.		16
16	Insoluble solids at high concentrations repress yeast's response against stress and increase intracellular ROS levels. <i>Scientific Reports</i> , 2019, 9, 12236.	1.6	20
17	Evolutionary engineered <i>Candida intermedia</i> exhibits improved xylose utilization and robustness to lignocellulose-derived inhibitors and ethanol. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1405-1416.	1.7	49
18	Designing an olive tree pruning biorefinery for the production of bioethanol, xylitol and antioxidants: a techno-economic assessment. <i>Holzforschung</i> , 2018, 73, 15-23.	0.9	25

#	ARTICLE	IF	CITATIONS
19	Starch Biomass for Biofuels, Biomaterials, and Chemicals. , 2018, , 69-94.		8
20	Complete Genome Sequences of the Xylose-Fermenting <i>Candida intermedia</i> Strains CBS 141442 and PYCC 4715. <i>Genome Announcements</i> , 2017, 5, .	0.8	8
21	Production of Ethanol from Lignocellulosic Biomass. <i>Biofuels and Biorefineries</i> , 2017, , 375-410.	0.5	20
22	A Sequential Steam Explosion and Reactive Extrusion Pretreatment for Lignocellulosic Biomass Conversion within a Fermentation-Based Biorefinery Perspective. <i>Fermentation</i> , 2017, 3, 15.	1.4	48
23	Laccases as a Potential Tool for the Efficient Conversion of Lignocellulosic Biomass: A Review. <i>Fermentation</i> , 2017, 3, 17.	1.4	85
24	Pretreatment of Lignocellulosic Feedstocks. , 2017, , 31-52.		11
25	A Bacterial Laccase for Enhancing Saccharification and Ethanol Fermentation of Steam-Pretreated Biomass. <i>Fermentation</i> , 2016, 2, 11.	1.4	36
26	Exploring laccase and mediators behavior during saccharification and fermentation of steam-exploded wheat straw for bioethanol production. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 1816-1825.	1.6	32
27	A review of biological delignification and detoxification methods for lignocellulosic bioethanol production. <i>Critical Reviews in Biotechnology</i> , 2015, 35, 342-354.	5.1	151
28	Unraveling the effects of laccase treatment on enzymatic hydrolysis of steam-exploded wheat straw. <i>Bioresource Technology</i> , 2015, 175, 209-215.	4.8	47
29	Fed-batch SSCF using steam-exploded wheat straw at high dry matter consistencies and a xylose-fermenting <i>Saccharomyces cerevisiae</i> strain: effect of laccase supplementation. <i>Biotechnology for Biofuels</i> , 2013, 6, 160.	6.2	28
30	Ethanol from laccase-detoxified lignocellulose by the thermotolerant yeast <i>Kluyveromyces marxianus</i> —Effects of steam pretreatment conditions, process configurations and substrate loadings. <i>Biochemical Engineering Journal</i> , 2013, 79, 94-103.	1.8	34
31	Improving the fermentation performance of <i>saccharomyces cerevisiae</i> by laccase during ethanol production from steam-exploded wheat straw at high-substrate loadings. <i>Biotechnology Progress</i> , 2013, 29, 74-82.	1.3	61
32	In situ laccase treatment enhances the fermentability of steam-exploded wheat straw in SSCF processes at high dry matter consistencies. <i>Bioresource Technology</i> , 2013, 143, 337-343.	4.8	43
33	Comparing cell viability and ethanol fermentation of the thermotolerant yeast <i>Kluyveromyces marxianus</i> and <i>Saccharomyces cerevisiae</i> on steam-exploded biomass treated with laccase. <i>Bioresource Technology</i> , 2013, 135, 239-245.	4.8	61
34	Src family tyrosine kinase regulates acrosome reaction but not motility in porcine spermatozoa. <i>Reproduction</i> , 2012, 144, 67-75.	1.1	18
35	Different laccase detoxification strategies for ethanol production from lignocellulosic biomass by the thermotolerant yeast <i>Kluyveromyces marxianus</i> CECT 10875. <i>Bioresource Technology</i> , 2012, 106, 101-109.	4.8	89
36	Biofuels Production and Processing Technology. , 0, , .		8